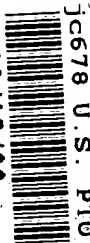


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Thomas R. Puzak et al

Serial No.: To be assigned

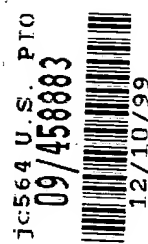
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For: PREFETCHING USING FUTURE BRANCH PATH INFORMATION DERIVED FROM BRANCH PREDICTION

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Washington, DC 20231



EXPRESS MAIL CERTIFICATE

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- Patent Application
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Docket No. YO999-589

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BOX PATENT APPLICATION
Washington, D.C. 20231

CAS. DOCKET NO. YO999-589
Date: December 9, 1999

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Thomas R. Puzak, Allan M. Hartstein, Mark Charney, Daniel A. Prener and Peter H. Oden.

For: PREFETCHING USING FUTURE BRANCH PATH INFORMATION DERIVED FROM BRANCH PREDICTION

Enclosed are:

☒ 15(fifteen) Sheets of informal Drawings.

☒ An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

☐ Certified copy of Japanese Patent Application No.

☒ Declaration and Power of Attorney is attached to the application.

☐ Associate Power of Attorney.

☐ Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 760.00
TOTAL CLAIMS	22- 20 =	2	2 \$ 18 =	\$ 36.00
INDEP CLAIMS	2 - 3 =	0	X \$ 78 =	\$ 0.00
___ MULTIPLE DEPENDENT CLAIM PRESENTED			+ \$ 260=	\$ 0.00
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Respectfully submitted,

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